

Serial No. 09/728,257
Amdt. Dated September 10, 2004
Reply to Office Action of June 21, 2004

Amendments to the Specification:

Please replace the paragraph beginning at page 13, line 1, with the following amended paragraph:

At 220, the tunnel mechanism ~~[[220]]~~ 140 communicates with the host Web server 130 to determine whether the source of the request is a client 110 that has been authenticated. In one embodiment, once the client 110 is authenticated for access to the host Web server 130, the client 110 is granted access by the tunnel server 140 to every hidden device for all purposes (e.g., read only, read and write, system configuration). In another embodiment, different levels of access are assigned at login by the host Web server 130. The tunnel mechanism 140 then uses these levels of access to determine which restricted devices, or even which files or portions within the restricted devices, can be accessed by the client 110. For example, a user, such as a student, may only be able to access the restricted devices supporting the classes for which they are registered whereas a system administrator may be granted access to every device and for all purposes. Note, although only one tunnel mechanism 140 is shown, more than one tunnel mechanism 140 could be included to provide and control access to the different restricted devices or to the differing levels of users who access the host Web server 130. At 220, if the client 110 is not authenticated or logged in to the host Web server 130, a response is generated at 280 informing the client 110 that access is denied to the requested information (e.g., the message may indicate that the client 110 needs to follow proper login procedures and the like).